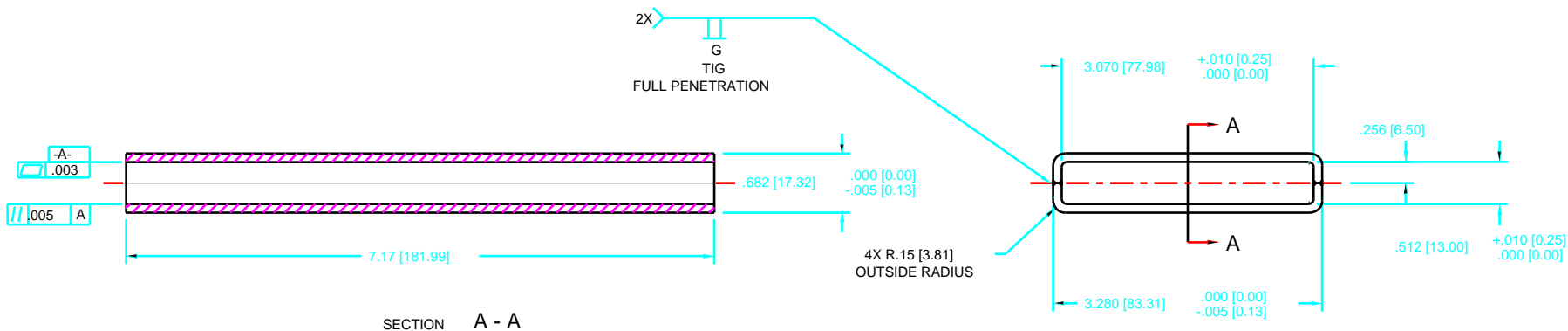


(C)

PLOT SCALE: 1=1

DWG. SCALE: 1

A14583



NOTES:

- WHEN MACHINING VACUUM PARTS, USE OF SILICONE AND SULPHUR-BASED CUTTING FLUIDS IS PROHIBITED. USE ONE OF THE FOLLOWING:
A) CIMCOOL 5 STAR 49
B) TRIM SOL
- THIS IS A UHV PART, ELECTROPOLISHING IS NEEDED BEFORE WELDING. PRIOR TO ELECTROPOLISHING, THE PART NEEDS TO GO THROUGH A MULTIPLE STEP CLEANING PROCESS INVOLVING DEGREASING, WASHING AND DRY NITROGEN BLOW DOWN.
- KEEP THE PART CLEAN, AND WRAP FOR UHV PACKING WITH ALUMINUM FOIL.
- DIMENSIONS IN [] ARE MILLIMETERS AND FOR REF. ONLY

ITEM	DWG/PART NUMBER	NOMENCLATURE OR DESCRIPTION	MATERIAL / SPEC	QTY
PARTS LIST				
UNLESS OTHERWISE SPECIFIED: ALL DIMENSIONS ARE IN INCHES				
TOLERANCES				
DECIMALS				
ANGULAR				
SURFACE ROUGHNESS				
REMOVE ALL BURRS AND BREAK SHARP EDGES .03 MAX. SURFACE TEXTURE TO BE IN ACCORDANCE WITH LATEST ANSI B46.1 DIMENSIONING & TOLERANCING IN ACCORDANCE WITH LATEST ANSI Y14.5				
LOG NUMBER A1458300				
THIS DRAWING IS THE PROPERTY OF ARGONNE NATIONAL LABORATORY				
DRAWN BY MUSCIA				
DATE 10/22/93				
CHIEF DESIGN ENGINEER D. SHU				
DATE 11/15/93				
TITLE ADVANCED PHOTON SOURCE V1 APS FRONT END 13 mm X 78 mm X 182 mm DIFFERENTIAL TUBE				
CHECKED BY J. WOTHE				
DATE 11/15/93				
GP LEADER M. KUZAY				
DATE 11/15/93				
DESIGNER SHU/MUSCIA				
DATE 10/22/93				
PROJECT MGR.				
RESPONSIBLE ENGINEER D. SHU				
DATE 11/15/93				
APPROVED/RELEASED				
MATERIAL 12 GA. (.105) 304 STAINLESS STEEL				
SCALE 1:1				
SIZE C				
DRAWING NUMBER P4105090701-820101-00				
SHEET 1 of 1				